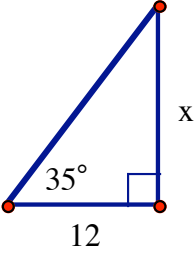
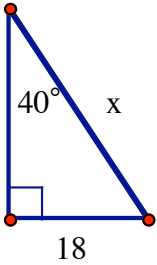
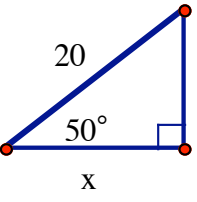
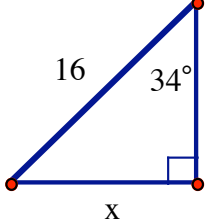
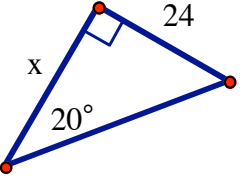
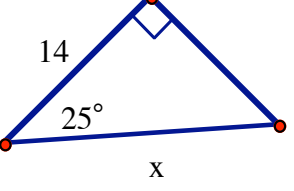


Chapter 7: Right Triangles
Lesson 7-4: Trigonometry
Homework

name _____
 date _____
 period ____

Find the value of x. (Round your answer to the nearest tenth.)

<p>1.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 150px; margin: 5px 0;"></div> <p>x = _____</p>	<p>2.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 150px; margin: 5px 0;"></div> <p>x = _____</p>	<p>3.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 150px; margin: 5px 0;"></div> <p>x = _____</p>
<p>4.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 150px; margin: 5px 0;"></div> <p>x = _____</p>	<p>5.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 150px; margin: 5px 0;"></div> <p>x = _____</p>	<p>6.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 150px; margin: 5px 0;"></div> <p>x = _____</p>

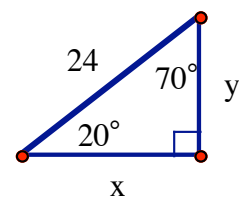
Classify each statement as true or false.

7. $\sin 20 = \frac{y}{24}$ _____

8. $\cos 70 = \frac{24}{y}$ _____

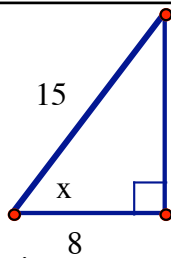
9. $\sin 70 = \frac{x}{24}$ _____

10. $\cos 20 = \frac{x}{24}$ _____



Solve for x. (Round your answer to the nearest degree.)

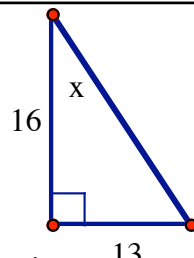
11.



equation

x = _____

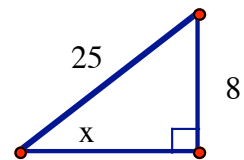
12.



equation

x = _____

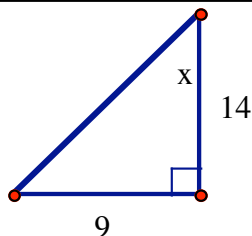
13.



equation

x = _____

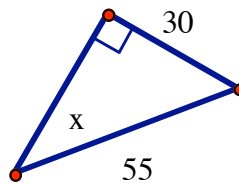
14.



equation

x = _____

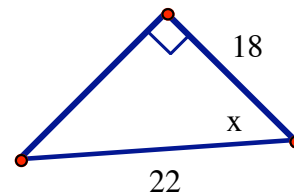
15.



equation

x = _____

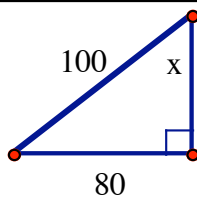
16.



equation

x = _____

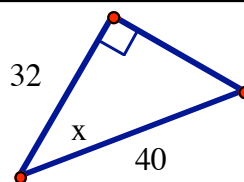
17.



equation

x = _____

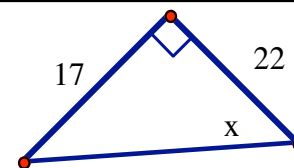
18.



equation

x = _____

19.



equation

x = _____